

ABSTRACT OF THE DISCLOSURE

A digital camera which provides motion pictures or image effects based on capture or storage of only a small amount of image data. An image pick-up unit captures a first image and a second image. A matching processor performs a pixel matching between the first image and the second image and obtains corresponding points on the second image, which correspond to lattice points of a mesh taken on the first image. A result thereof is recorded as a corresponding point file. An intermediate image generator generates one or more intermediate image between the first image and the second image, based on the corresponding point file. The first image, the intermediate image or images, and the second image approximate a motion picture. The corresponding point file is created using only corresponding lattice points so that the amount of data used for generating the motion picture is reduced.